



Alaska DOT&PF Overview House Finance Committee

February 5, 2003

**Michael Barton
Acting Commissioner**

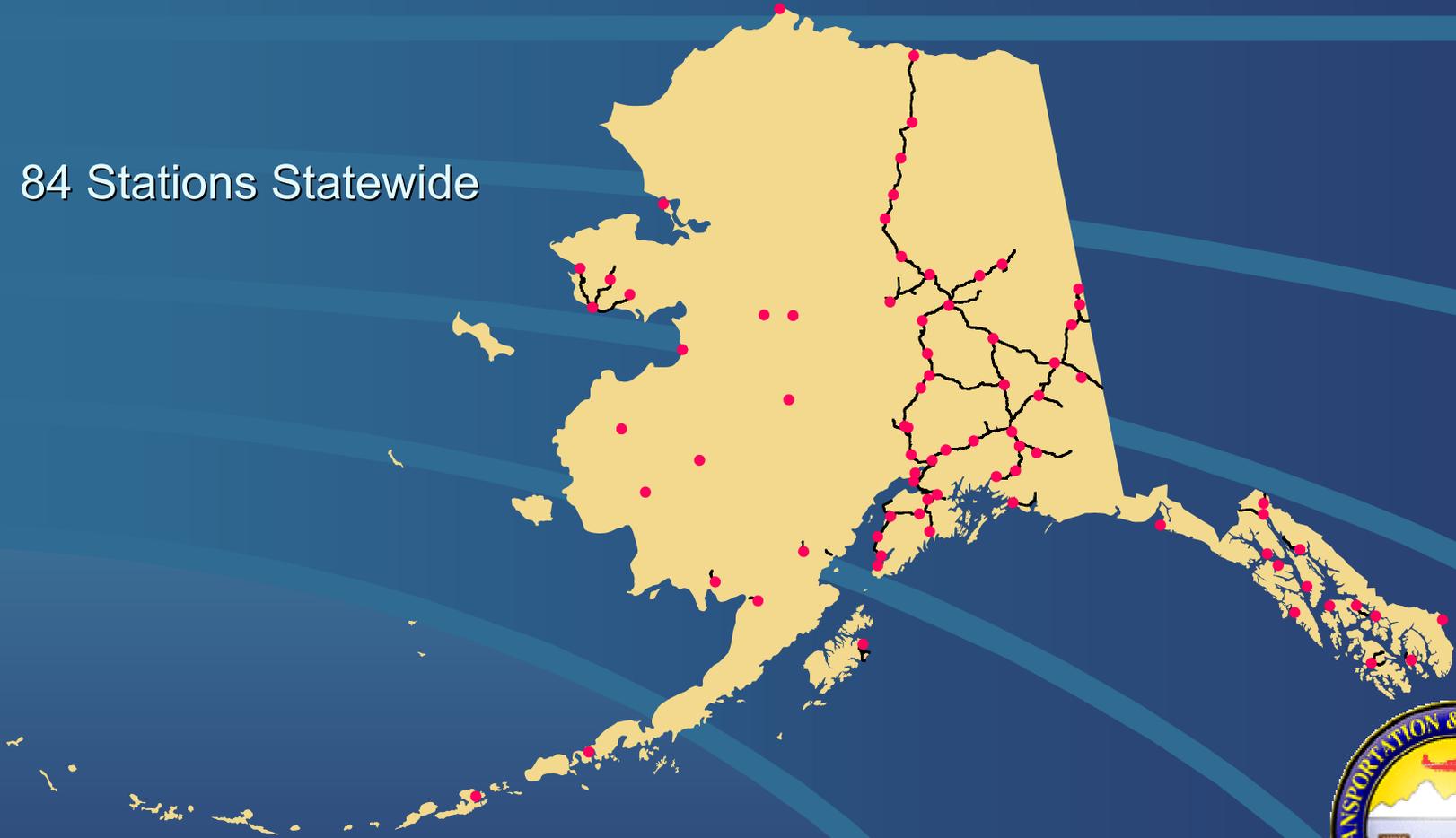
Briefing Topics

- Department Overview
- Operations
 - Maintenance
 - Facilities
 - Disasters
 - Airports
 - Design & Engineering Services
 - Construction
 - Alaska Marine Highway System
 - Ports and Harbors
 - Measurement Standards and Commercial Vehicle Enforcement



DOT&PF Maintenance Stations

84 Stations Statewide



National Highway System

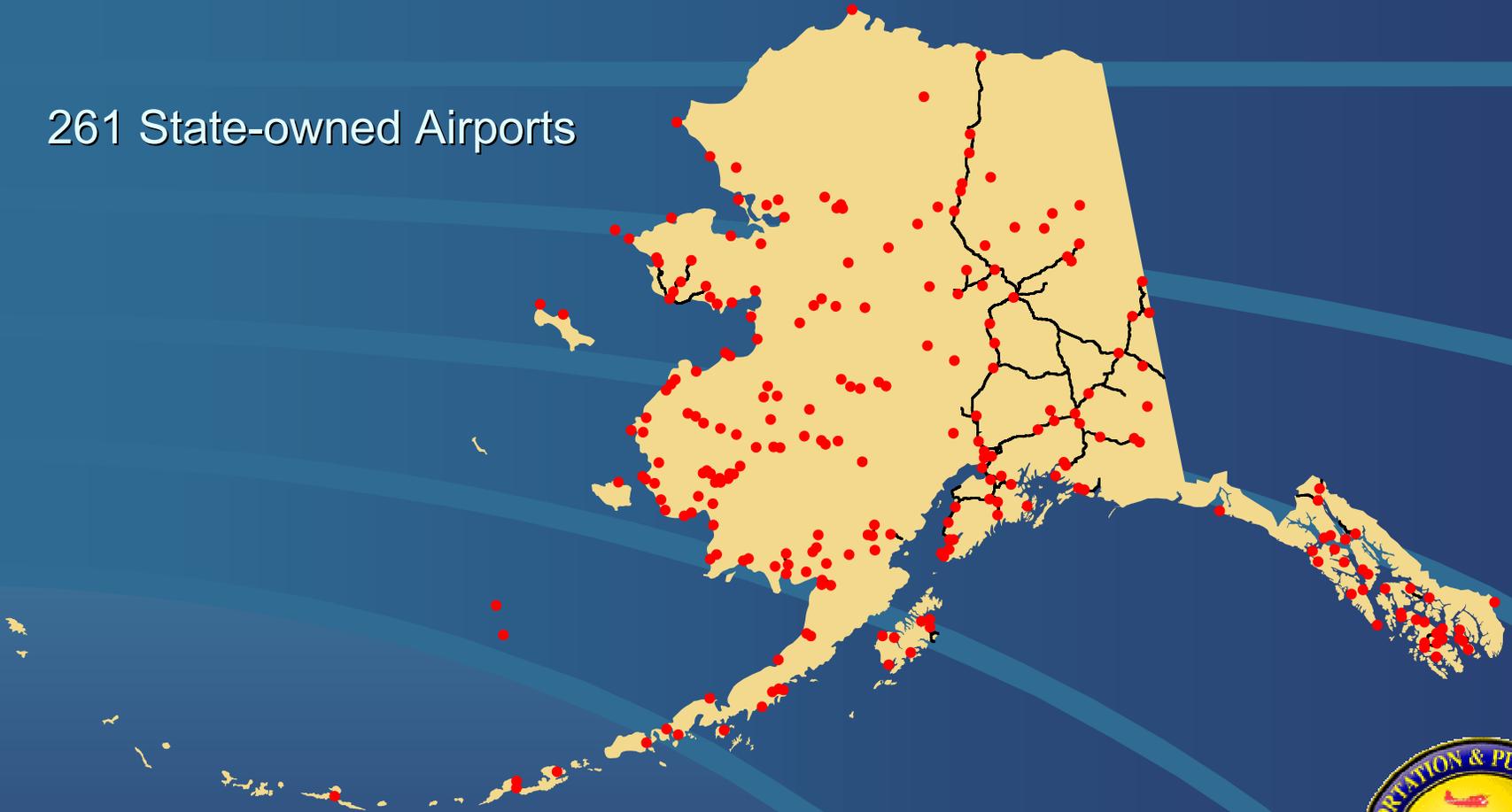


Alaska Highway System



DOT&PF Airports

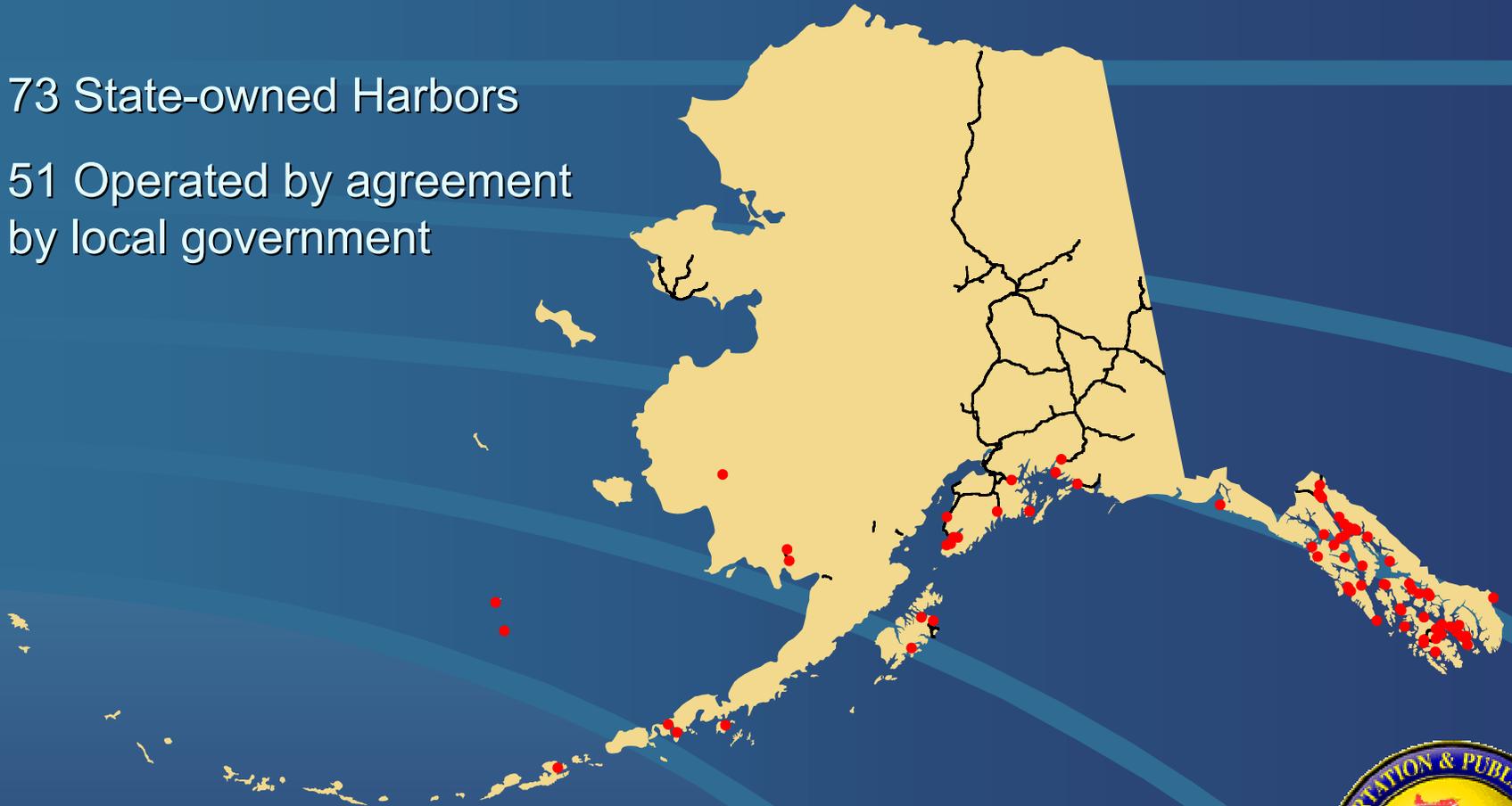
261 State-owned Airports



DOT&PF Ports & Harbors

73 State-owned Harbors

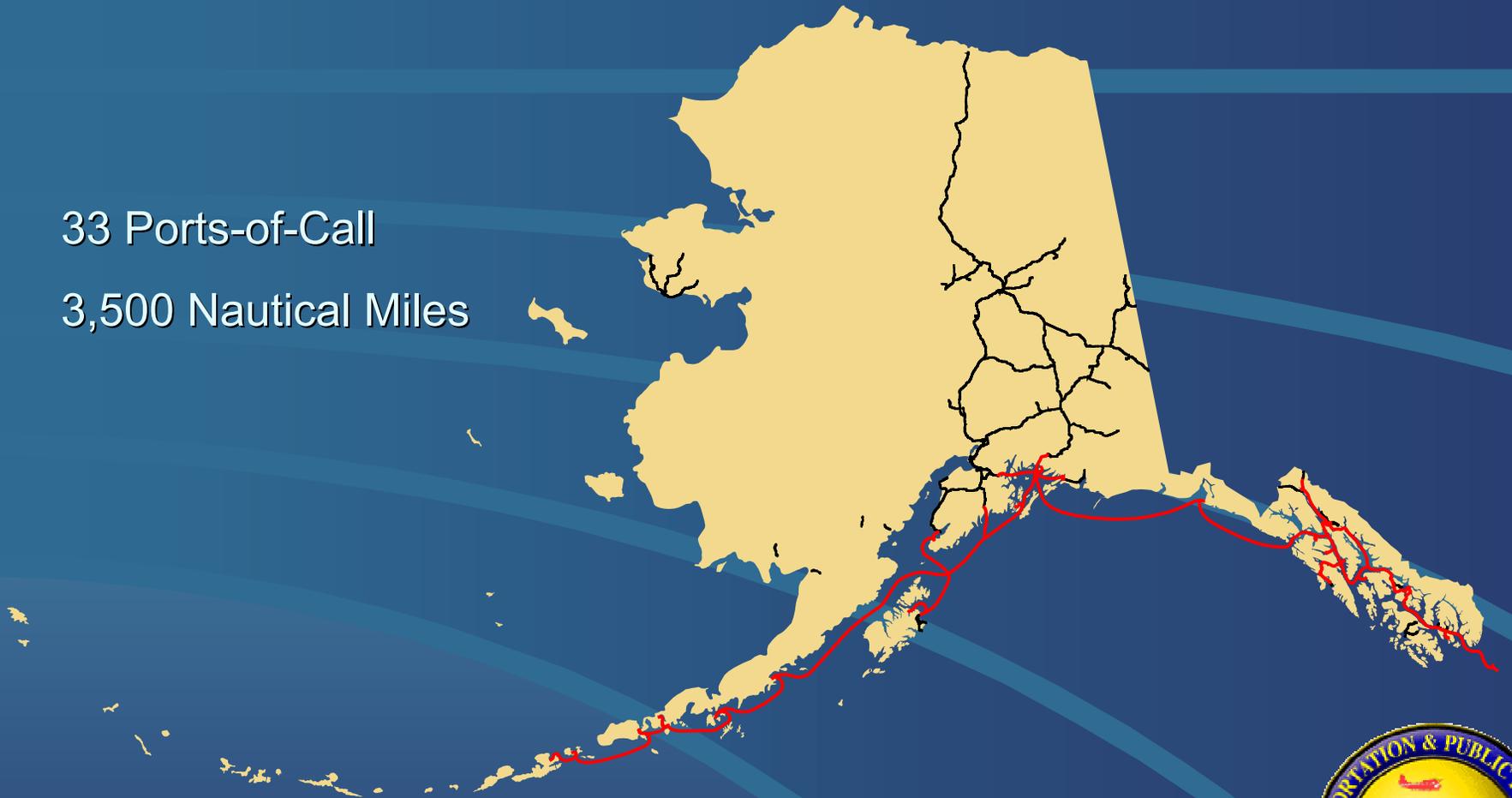
51 Operated by agreement
by local government



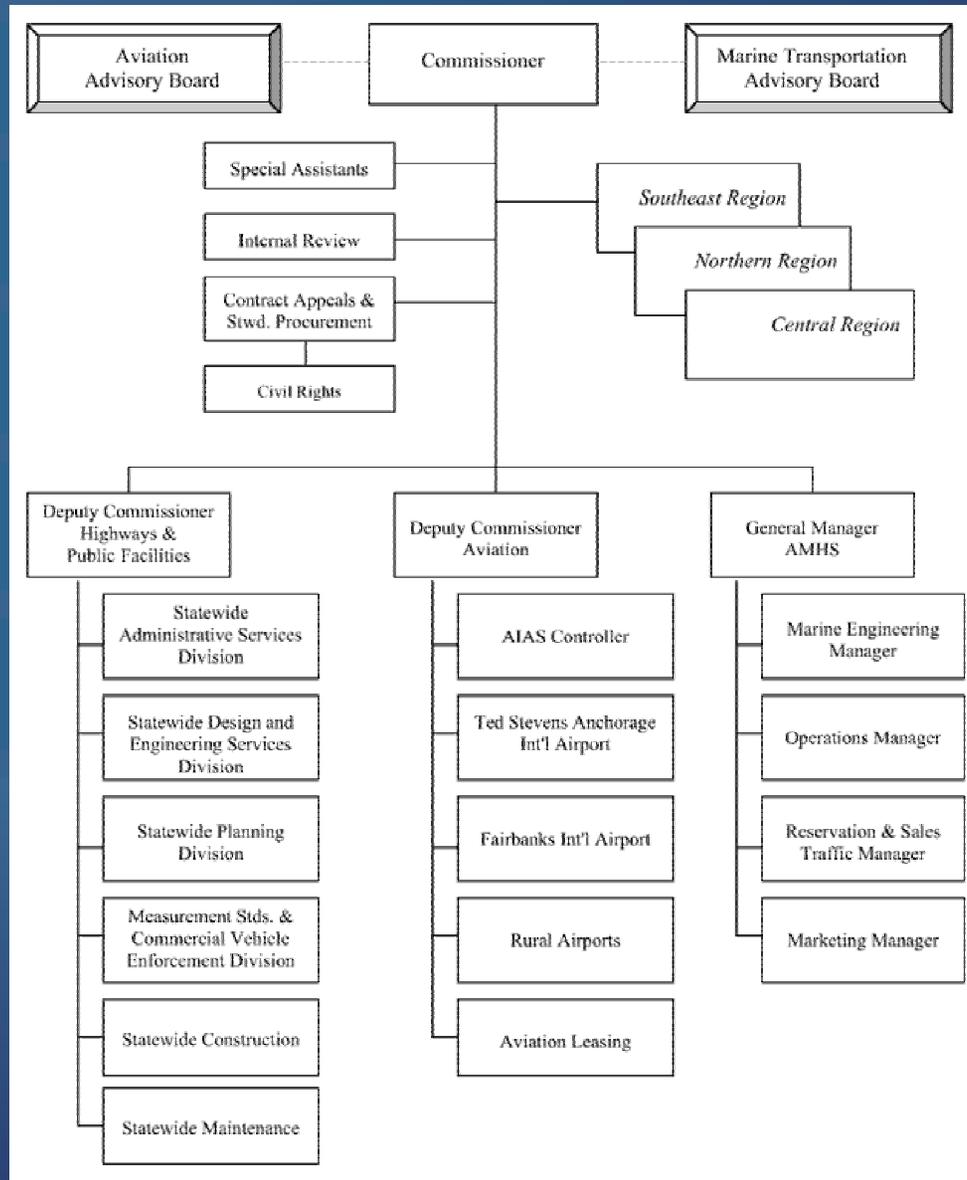
AMHS Route Map

33 Ports-of-Call

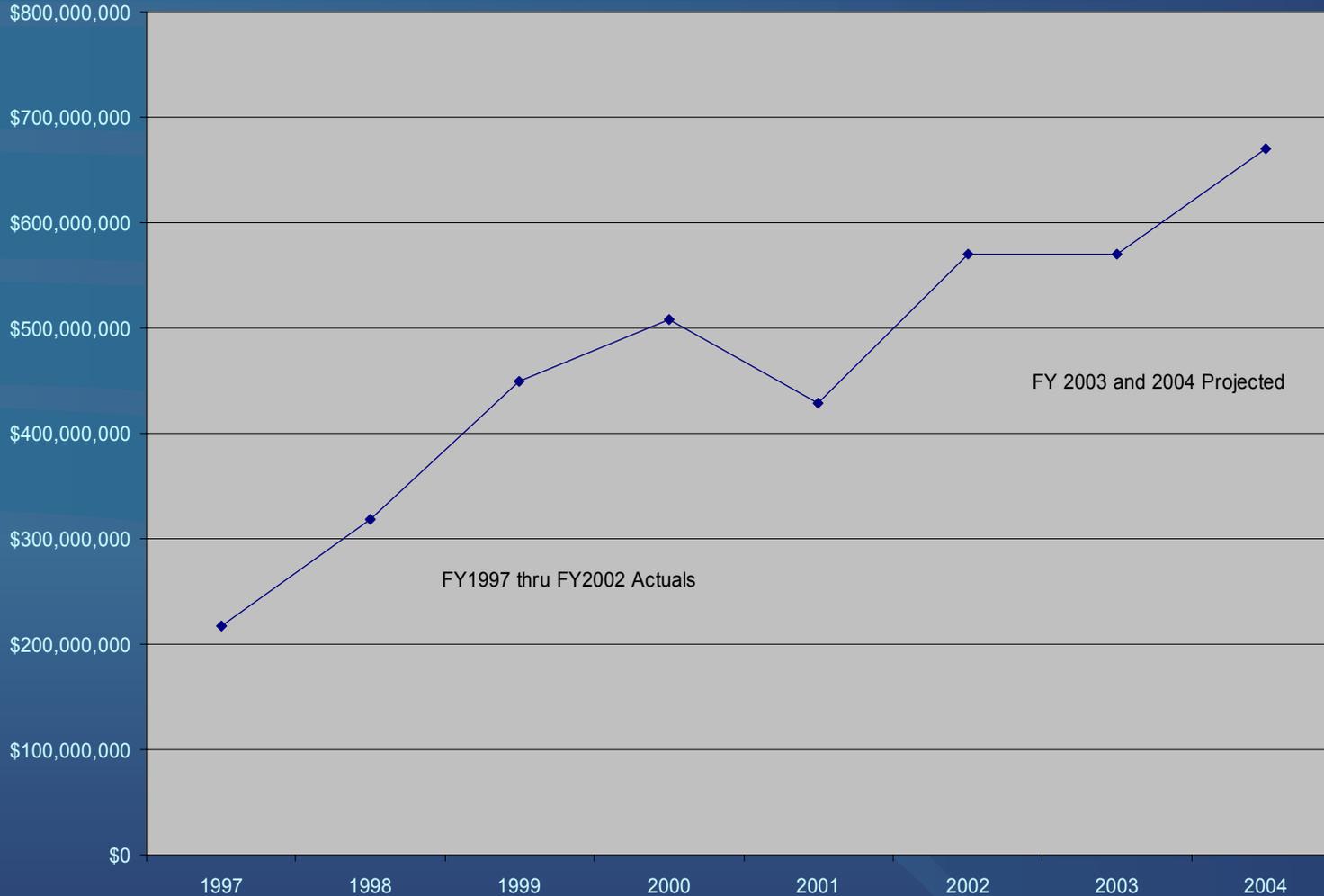
3,500 Nautical Miles



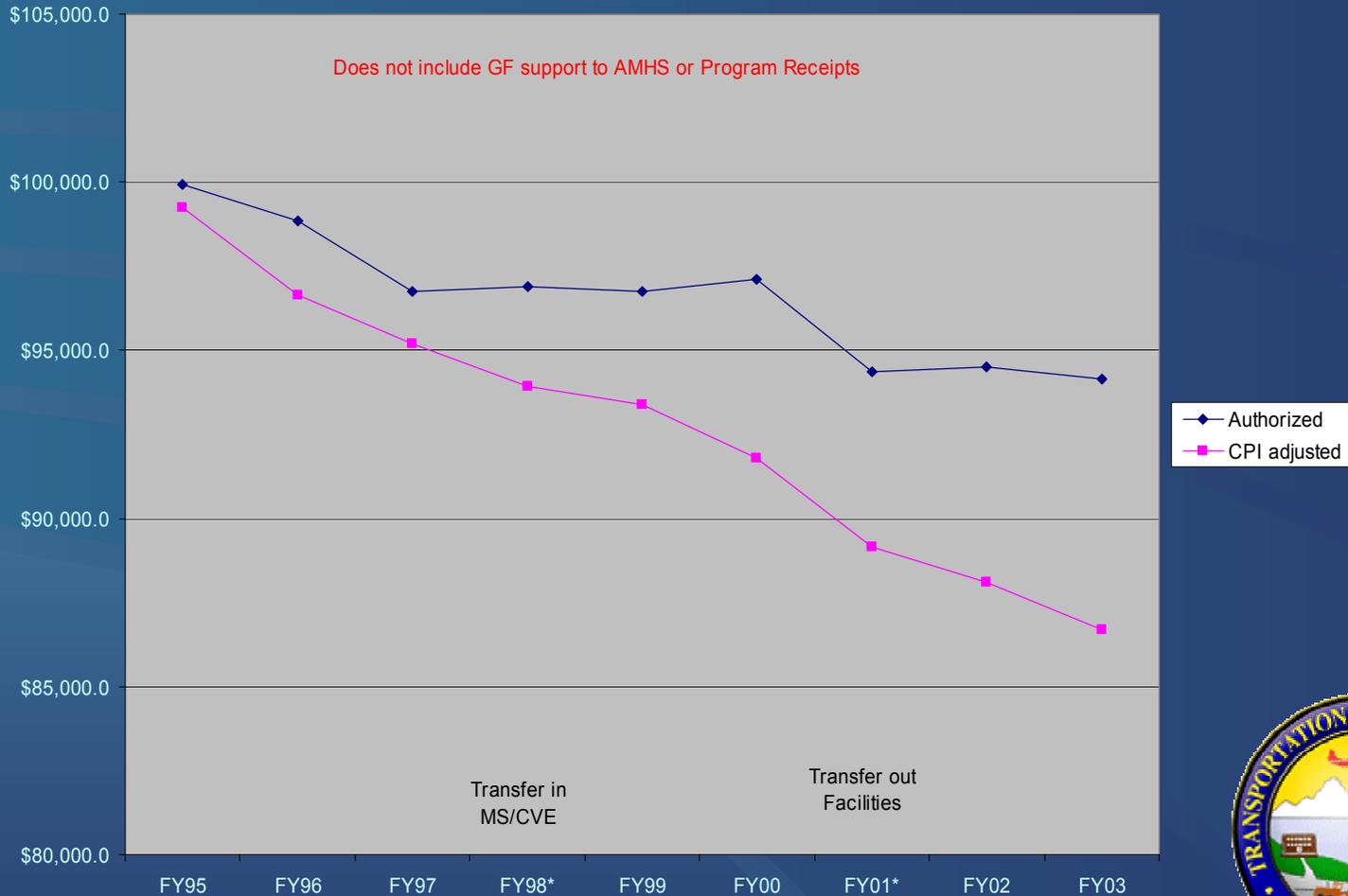
DOT&PF Org Chart



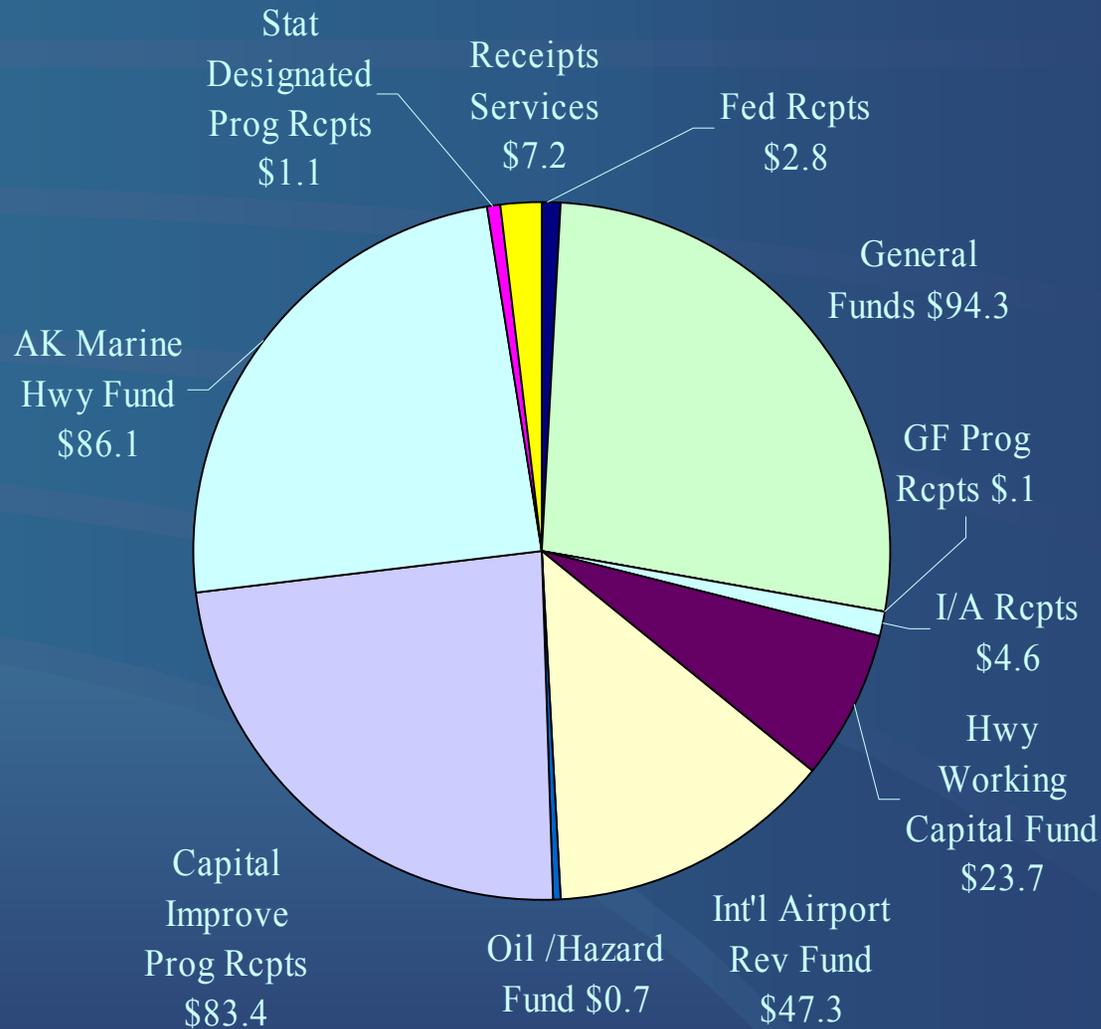
Historical Construction Expenditures



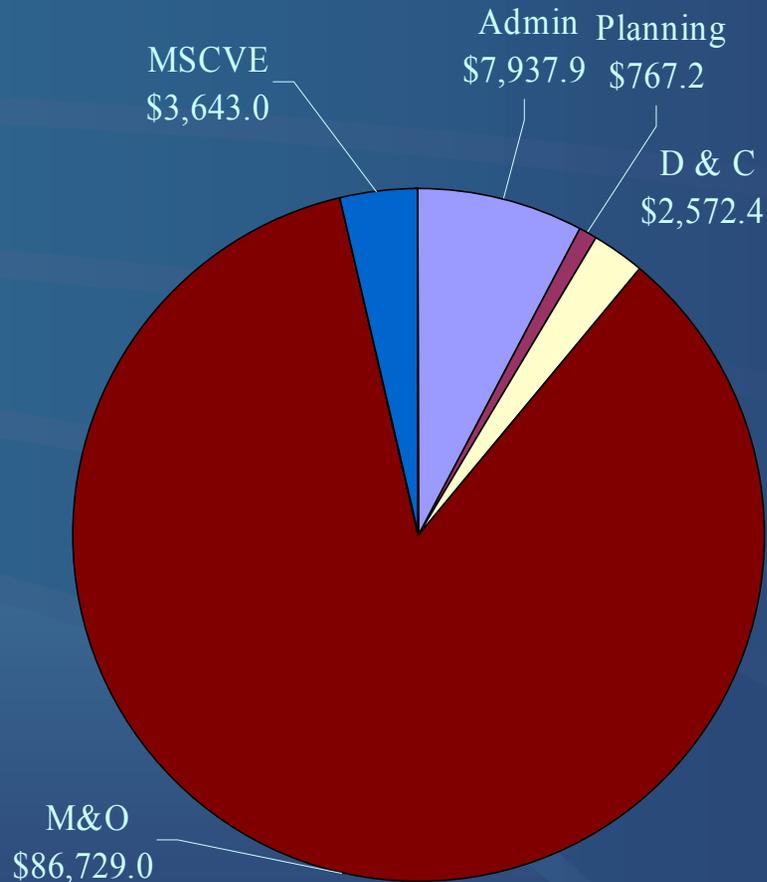
GF Operating Budget Buying Power



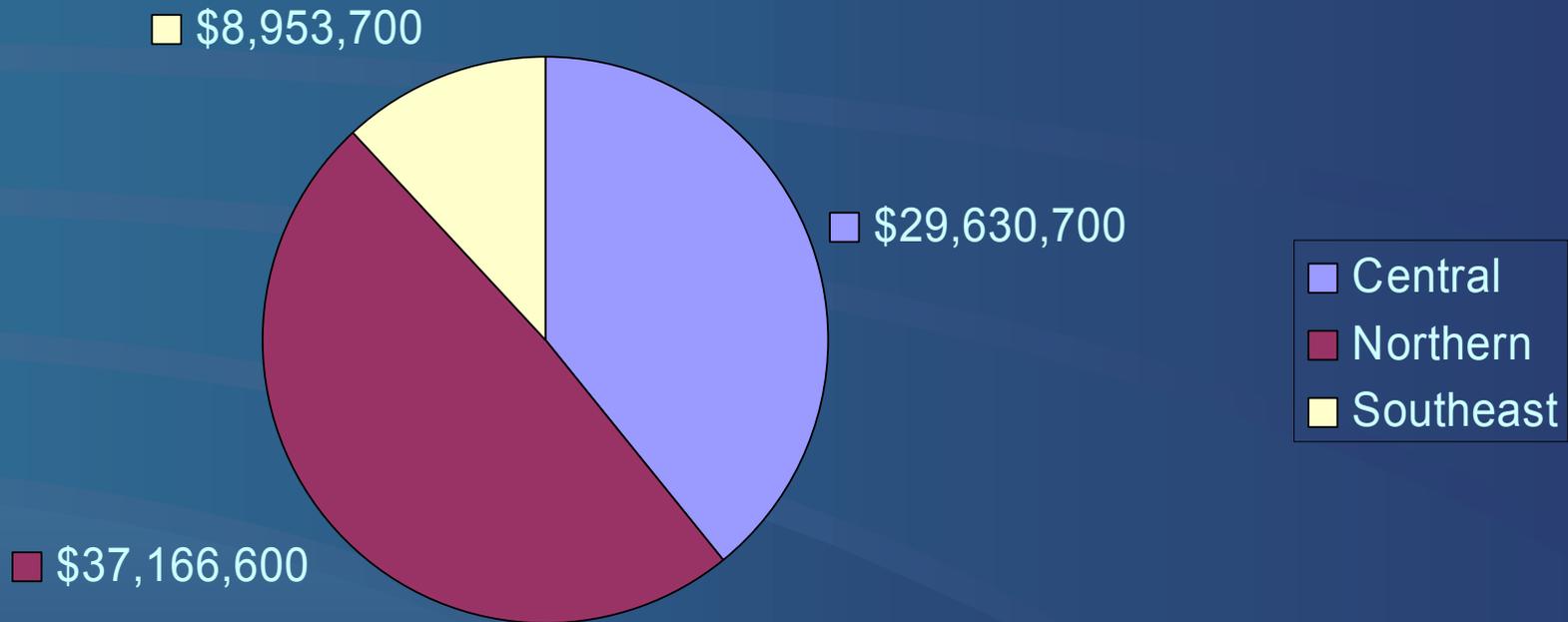
Operating Budget by Fund Source



General Fund and Receipt Supported Services by Function



Regional Maintenance Funding



Maintenance

- FY03 Operations Budget Cut
- Highways, Aviation & Facilities Impacts
 - Maintenance Station Closures: Ninilchik, Chitina, and Birch Lake
 - Maintenance Reductions
 - Spread across the highway system
 - Airports on road system
 - Federal Funding Agencies
 - Grant Assurances and Maintenance Requirements
 - Capital program implications



O&M FY03 Supplemental

- Restore Operations for Remainder of Year
 - Restore Maintenance of Various Roads
 - Steese Highway
 - Northern Region Roads including Denali Hwy
 - Snow Removal on Southeast Cat III Roads
 - Snow Haul in Anchorage
 - Willow Maintenance Station
 - Elliott Highway
 - Operators and Equipment across the State



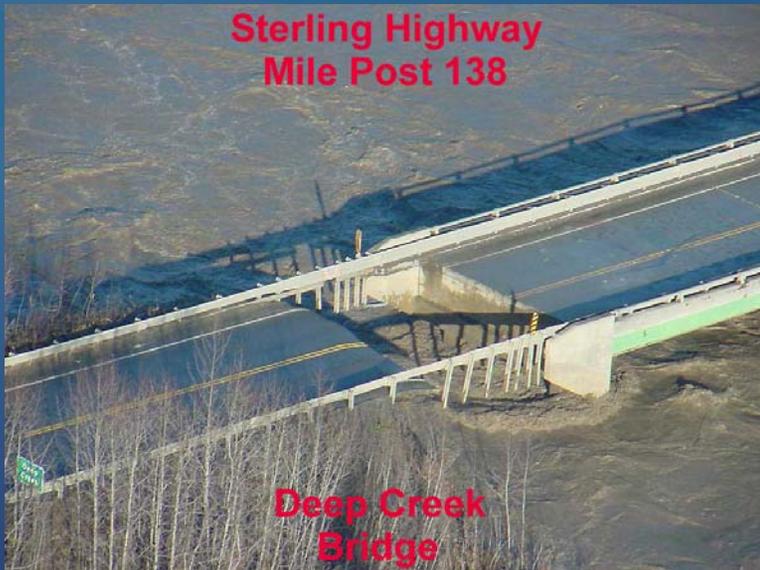
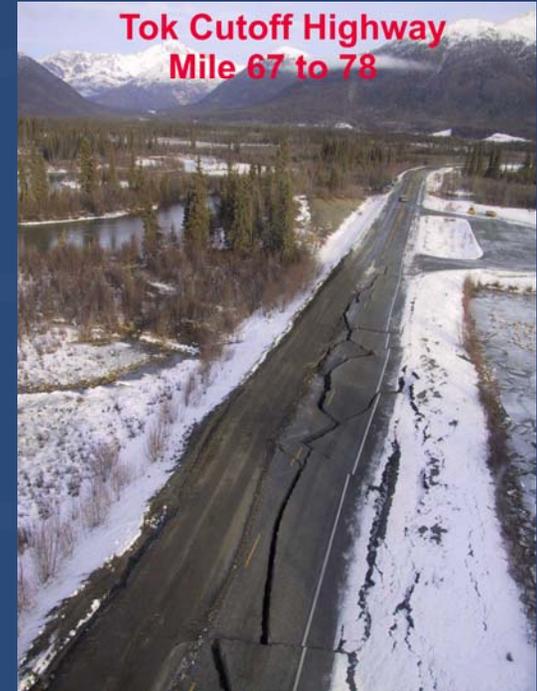
O&M FY03 Supplemental

- Restore Operations for Remainder of Year (cont.)
 - Open Maintenance Stations
 - Ninilchik
 - Birch Lake
 - Chitina
 - Restore Maintenance at Airports
 - Skwentna
 - Clear
 - Restore Maintenance at State Buildings



Disasters

- Fall 2002 Disasters
 - October Flood - Kenai Peninsula
 - November Earthquake - Denali Fault 7.9 Mag
 - November Flood - Kenai Peninsula
 - Federal Disaster Funding Agencies - FEMA & FHWA



DOT&PF Kenai Floods Impacts

- Governor & President Declarations - October/November events
- Recovery & Reconstruction Costs
 - Highway & Bridge Repairs \$23.8 M
 - FHWA Eligible Repairs \$15.8 M
 - FEMA Eligible Repairs \$8.0 M
 - Work to Date \$10.3 M
- Resource Agency Challenges



DOT&PF Earthquake Impacts

- Tok Cutoff Highway - most impacted road
 - Winter repairs complete
- Northway Airport - most impacted airport
 - Winter repairs complete
- Governor & President Declarations
 - FHWA \$2.0 M Rapid Response funds provided
- Highway & Bridge Repair \$53 M (ongoing)
 - FHWA Eligible Repairs \$38.7 M
 - FEMA Eligible Repairs \$14.3 M
 - Work to Date \$10.5 M
- Future Construction Program Impacts



DOT&PF Airports

- Largest Airport Operator in the U.S.
 - 261 State owned & operated airports
 - 2 Internationals - Anchorage & Fairbanks
 - 21 Rural Certificated
 - 238 Community
- Organization - New Structure
 - Deputy Commissioner for Aviation
 - Rural Airports (Programming)
 - International Airports
 - Leasing



Alaska International Airport System (AIAS)

- Includes Anchorage and Fairbanks international airports
- Enterprise fund covers operating costs and capital costs not paid for by federal funds
- Total annual operating budget is approximately \$68 million
- FAA capital funds and passenger facility charges total over \$23 million annually



Ted Stevens Anchorage International Airport

- #1 cargo airport in the US
- Busiest floatplane base in the world
- Large economic impact
 - nearly one in ten jobs in Anchorage
 - 9,119 airport jobs for \$367 million payroll
 - 5,631 community jobs for \$148 million payroll
- Serves 5 million passengers per year
- 58 airlines currently operating at airport



Fairbanks International Airport

- #13 cargo airport in the US
- Large floatplane base - recently expanded
- Large economic impact
- Serves 800,000 passengers per year
- 15 airlines currently operating at airport



Design and Engineering Services

- D&ES consists of:
 - Bridge Design
 - Statewide Materials
 - Ports and Harbors
 - Design and Construction Standards
 - Research and Technology Transfer
- D&ES is responsible for delivering bid ready designs and contract documents for all DOT&PF projects
- Approximately 55% of design is done by private sector



Construction

- Regional construction offices provide oversight of all DOT&PF construction projects
- Construction consists of four branches:
 - Construction
 - Contracts
 - Project Control
 - Facilities
- Construction branch includes
 - Contract Administration
 - Field Inspection/Oversight
 - Quality Assurance



Construction Program

Mode/System	Active Contracts	2003 Capital Program
Highways and Ferries	119	\$444.1 M
Statewide Aviation	58	\$120.9 M
Harbors	39	\$31.8 M
ANC	55	\$78.6 M
FAI	3	\$21.6 M



Alaska Marine Highway System

- AMHS celebrated its 40th Anniversary on January 23rd - Malaspina still operating
- 3,500 total nautical miles of coastline served by AMHS from Bellingham, WA to Unalaska
- CY 2001 Statistics - 318,891 passengers and 93,946 vehicles which equates to 60,902,285 Passenger Miles and 18,479,996 Vehicle Miles
- Alaska Marine Highway vessels traveled 475,650 nautical miles in 2000...that is over 161 trips from New York to Seattle
- Designated a National Scenic Byway in 2002
- 2 new fast vehicle ferries under construction to serve Southeast and Prince William Sound
- Fuel costs average 11% of AMHS annual operating budget
- Labor costs average 68% of AMHS annual operating budget



Ports and Harbors

- Department is responsible for 73 of 107 public harbor facilities in AK
- 51 facilities are operated by local governments
 - Operating agreements provide no state funds for operations
 - State obligated for replacement and major repairs
- Capital Program is largely Corps of Engineers Program, except bond funds and state match
 - Corps funds basin, State and Local fund inner-harbor facilities
- There are 39 active capital projects for \$53.2 million in authorizations
 - this represents match funds for Federal Navigation Improvement
- HB525 authorized \$31.8 million for upgrading and transferring 27 facilities in 10 communities



Measurement Standards and Commercial Vehicle Enforcement

- MSCVE enforces all federal and state commercial vehicle laws to ensure safe highways
- MSCVE certifies the accuracy of all weighing and measuring devices used in commerce
- MSCVE issues permits for overweight vehicles
- MSCVE is implementing a new one-stop web-based permit system



Questions?



State Gas Tax Rates

- Georgia lowest in the nation at \$.075/gallon
- Alaska second lowest in the nation at \$.08/gallon
- Next closest is Wyoming at \$.14/gallon
- Highest is Wisconsin at \$.31/gallon
- National average is \$.21/gallon
- Only 5 states have less than \$.16/gallon

